Final bill

M. A. R. 57 (Rule 116) **No. D** **67301**

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
	Name of work:- Improvements c/o Road & drain at amoga hotel back side Roads in Basarahalli in ward No-15.						
	Estimate Cost:- Rs.20.00 lakhs.						
	Job Code:- 015-18-000015 - P.code: 1771						
	W.O No:- EE/DD/WO/260/17-18. dt. 07.03.18.						
	A.A No:- EE/DD/AS/563/17-18. dt. 29.11.17.						
	T.S No:- EE/DD/TS/404/17-18. dt. 30.11.17.						
	Tender Notification No:- BBMP/EE/DD/TCN/05/17-18, dt. 04.12.17.						
	agency:- Sri Eregowda SM.						
	Recddon:- 26/07/18.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No 1:	Excavation for road, drains & similar works Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters & an average after breaking of clods complete as per Specifications Qty brought from this MB Page No:- 67391					Qty = 204.00 cum	
	@ Rs 150.00/cum						30600.00/-
Item No 13	providing & laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm & down size graded metal Coarse aggregates @ 0.85 cum & fine aggregates @ 0.57 cum machine mixed Hom of machinery curing complete as per Specifications. Qty brought from this MB Page No:- 67391					Qty = 30.60 cum	
	@ Rs 5200.00/cum						159120.00/-

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

67302

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	Item No 1-2 providing & removing centering, Shuttering, Strutting, propping etc.. & removal of form work for vertical surface such as walls at any thickness. labour complete as per specifications.					
	1st Cross.	4 —	30.00	0.90 —	108.00 Sq.m.	
		4 —	30.00	0.90 —	108.00 — "	
		4 —	6.00	0.90 —	21.60 — "	
	2nd Cross.	4 —	30.00	0.90 —	108.00 — "	
		4 —	30.00	0.90 —	108.00 — "	
		4 —	9.50	0.90 —	34.20 — "	

CBC

Sbdayg

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂ
ಜೆ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಜಲಮಂಡಳಿ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road	4	15.00	0.90		54.00-11	
		4	19.50	0.90		70.20-11	
						612.00 Sqm	
		@ Rs. 320.00/ Sqm					195840.00/-

Item No 4:- Design mix m20 with OPC Cement @ 320 Kgs, with 20mm & down Size graded granite metal coarse aggregate @ 0.69mt & fine aggregate @ 0.46mt with Super plastisiser @ 3lts confirming Dubai 5m height

Side wall:					
1st Cross.	2	30.00	0.15	0.90	8.10-11
	2	30.00	0.15	0.90	8.10-11
	2	6.00	0.15	0.90	1.62-11
2nd Cross	2	30.00	0.15	0.90	8.10-11

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

67303

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	0.15	0.90	8.10 -11	
		2	9.50	0.15	0.90	2.565-11	
	Cross head.	2	15.00	0.15	0.90	4.05-11	
		2	19.50	0.15	0.90	5.265-11	
	Bottom vent.	1	30.00	0.90	0.10	2.70-11	
	1st Cross.	1	30.00	0.90	0.10	2.70-11	
		1	6.00	0.90	0.10	0.54-11	
	2nd cross	1	30.00	0.90	0.10	2.70-11	
		1	30.00	0.90	0.10	2.70-11	
		1	9.50	0.90	0.10	0.855-11	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬೆಂಗಳೂರು ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road.	1	15.00	0.90	0.10	1.35 cum	
		1	19.50	0.90	0.10	1.755 cum	
						⇒ 61.20 cum	
		@ Rs ~~5200.00~~ 7000.00 /cum.					428400.00 /-
Item, Vol-5	Cement Concrete pavement construction of un-reinforced plain Cement Concrete pavement, thickness as per design, over a prepared Sub base with OPC Cement & any other type as per with 25mm & down size graded granite metal coarse aggregates & fine aggregates with Superplastisiser @ 3Ltrs confirming mixed in a concrete mixer not less than 0.60 cum finishing to true & grade as per drawing. Complete as per Specifications M30 (not 360 kg per cum. coarse aggregates @ 0.64 cum &						

Measurement

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

67304

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	fine aggregate @ 0.43 cum).						
	1st cross	1	12.00	$\frac{3.25+3.15}{2}$	0.15	5.76 cum	
		1	15.00	$\frac{3.15+3.60}{2}$	0.15	7.59 - "	
		1	15.00	$\frac{3.60+3.10}{2}$	0.15	7.54 - "	
	Chd-16	1	15.00	$\frac{3.10+3.20}{2}$	0.15	7.09 - "	CKFC
	28/8	1	9.00	$\frac{3.20+3.10}{2}$	0.15	4.25 "	Shayan
	2nd cross E.E. (D.D.)	1	15.00	$\frac{3.40+3.60}{2}$	0.15	7.88 - "	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ ಬಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು
		1	15.00	$\frac{3.60+3.50}{2}$	0.15	7.99 - "	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Roads	1	15.00	$\frac{3.50+4.10}{2}$	0.15	8.55 -11-	
		1	15.00	$\frac{4.10+4.00}{2}$	0.15	9.11 -11-	
		1	9.50	$\frac{4.00+4.10}{2}$	0.15	5.77 -11-	
		1	15.00	$\frac{3.70+3.90}{2}$	0.15	8.55 -11-	
		1	19.20	$\frac{3.90+3.50}{2}$	0.15	10.66 -11-	
		1	15.00	$\frac{2.00+2.90}{2}$	0.15	5.96 -11-	
		1	15.00	$\frac{2.70+2.60}{2}$	0.15	5.96 -11-	
		1	19.00	$\frac{2.60+2.80}{2}$	0.15	7.70 -11-	
					⇒	109.21 cum	

28/8
E.E. (D.D.)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

67305

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions Length	Dimensions Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
		limited to Schedule-B qty =				99.60 cum	
		@ Rs 6500.00/cum				———	647400.00/-
Item No 1-6.	providing groove cutting to concrete pavement for width of 5mm to 10mm & depth 80mm-100mm including cost of cutting machine generator & Hsm of machinery, including cost of blade, coolant etc. other incidental charges as per drawing & as per specifications.						
	1st Cross	1	27.00	3.30		89.10 Rmt.	
	2nd Cross	1	28.00	3.80		106.40 "	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	cross roads	1	34.00	3.30		112.50 -11-	
						⇒ 308.00 Rmtr	
		@ Rs. 130.00	Rmtr				40040.00/-
Item No 7	vacuum de-watering with vacuum pump & suction mat & compaction with skin float Rubbed with floating disc including cost of generator, Hom of machinery, screed vibrator, power float blade & disc etc. with all lead & lift.						
	1st cross.	1	12.00	$\frac{3.25+3.15}{2}$		38.40 Sqm	
		1	15.00	$\frac{3.15+3.60}{2}$		50.63 -11-	
		1	15.00	$\frac{3.60+3.10}{2}$		50.25 -11-	
		1	15.00	$\frac{3.10+3.20}{2}$		47.25 -11-	

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

67306

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
	3rd cross	1 –	9.00	$\frac{3.20+3.10}{2}$		28.35 -M	
		1 –	15.00	$\frac{3.10+3.60}{2}$		52.50 -M	
		1 –	15.00	$\frac{3.60+3.50}{2}$		53.25 -M	
		1 –	15.00	$\frac{3.50+4.10}{2}$		57.00 -M	CM Pit
		1 –	15.00	$\frac{4.10+4.00}{2}$		60.75 -M	Sub Engineer
		1 –	9.50	$\frac{4.00+4.10}{2}$		38.48 -M	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು
	Cross Roads	1 –	15.00	$\frac{3.70+3.90}{2}$		57.00 -M	
		1 –	19.20	$\frac{3.90+3.50}{2}$		71.04 -M	
		1 –	15.00	$\frac{2.00+2.90}{2}$		36.75 -M	

ಅಂಗೀಕರಿಸಿದೆ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15.00	$\frac{2.7+12.4}{2}$		39.75 Sqm	
		1	19.00	$\frac{2.7+3.80}{2}$		52.25 Sqm	
					⇒	733.65 Sqm	
			limited to Schedule B qty		⇒	730.40 Sqm	
			@ Rs 100.00/Sqm				73040.00/-
	Item No: 8 Supplying, fitting & placing TMT bar fe 500 reinforcement in Sub Structure complete as per drawing & technical Specifications complete as per Specifications						
			qty brought from this MB Page No: 67391 to 67392.				
					qty ⇒	5.53 tonne.	
			@ Rs. 65000.00/tonne				359450.00/-

Quantities

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

67307

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	Item No:-9 Disposal of debris to the final place of disposal with all lead & lift & as direction by the engineer in charge of the work lead 41Km a) Basic rate for haulage c) Add loading & unloading qty vide Item No:-1			qty :-	204.00 cum	
		@ Rs 120.00/cum				24480.00/-
				Total bill amt →		1958370.00/-

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆ.ಬಿ.ಜೆ.ಎನ್.ಎಲ್ ಕಾಮಗಾರಿ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate:- 1) this is to certify that the contractor has completed the work satisfactorily 2) The contractor has cleared the debris from the work spot. 3) There are NO departmental issues for the above work Measurement recorded. Engg.					Sheelavanthi ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು 4/7/18	

Passed by Cheque for ₹ 903662

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

67308

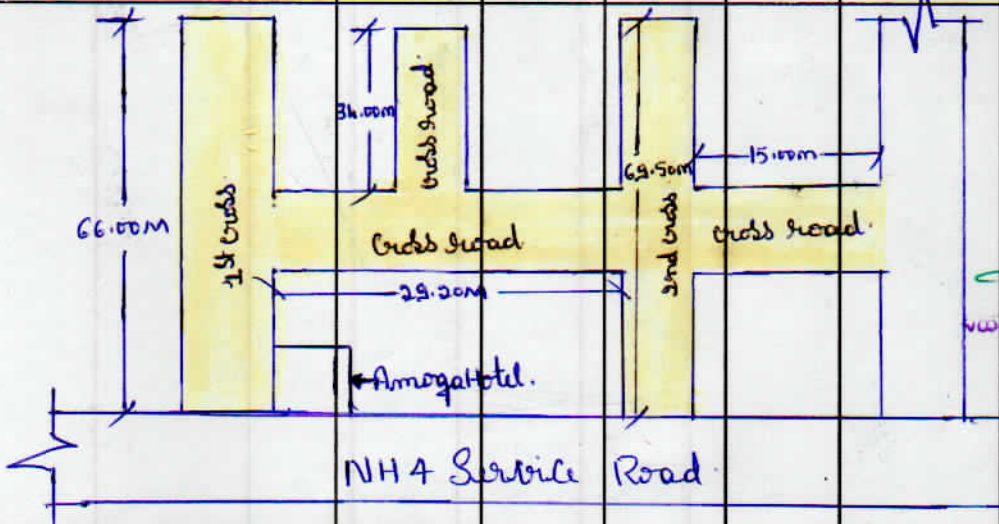
Serial No. 54708 : 00

Name of work ..... From ..... To .....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6		8



ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು